


		NTSB ID: DCA05RA096		Aircraft Registration Number: PK-RIM	
		Occurrence Date: 09/05/2005		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By:	
Location/Time					
Nearest City/Place Medan	State	Zip Code	Local Time 1004	Time Zone UTC	
Airport Proximity:		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Boeing		Model/Series B737-200		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On September 5, 2005 at 1004 local time, a Mandala Airlines B737-200, registration PK-RIM, crashed after takeoff from runway 23 at the Medan-Pollonia airport, Medan, Sumatra, Indonesia into an urban residential area. There were 5 crew and 112 passengers on board. The crew and 96 passengers, along with 44 persons on the ground, were fatally injured; 16 passengers survived.</p> <p>The flight was destined for Soekarno-Hatta International Airport (CGK), Jakarta, Indonesia. The NTSB, representing the state of manufacture of the aircraft and engines, provided an accredited representative and technical advisors in powerplants and airworthiness, in addition to advisors from Boeing and Pratt &amp; Whitney. Major portions of the airplane were missing from the scene, however the flight recorders were retrieved along with other components of the airplane. The cockpit voice recorder and flight data recorder were read out at the NTSB laboratory in Washington DC under the direction of Indonesian authorities and the data provided to the Indonesian NTSC.</p> <p>The accident is being investigated by the Indonesian NTSC.</p> <p>Republic of Indonesia Ministry of Communications National Transportation Safety Committee Gedung Karsa Lt. 7 Departemen Perhubungan Jalan Medan Merdeka Barat No. 8 Jakarta 10110 - Indonesia</p>					
FACTUAL REPORT - AVIATION					

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA05RA096			
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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach:					
VFR Approach/Landing:					
<b>Aircraft Information</b>					
Aircraft Manufacturer Boeing		Model/Series B737-200		Serial Number	
Airworthiness Certificate(s):					
Landing Gear Type:					
Homebuilt Aircraft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines:	
Engine Type:	Engine Manufacturer:	Model/Series:		Rated Power:	
<b>- Aircraft Inspection Information</b>					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>					
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
		City	State	Zip Code	
Operator of Aircraft Mandala Airlines		Street Address			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
<b>- Type of U.S. Certificate(s) Held: None</b>					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Non-U.S., Commercial					
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only					
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<b>First Pilot Information</b>									
Name		City		State	Date of Birth	Age			
On File									
Sex:	Seat Occupied:	Principal Profession:		Certificate Number:					
Certificate(s):									
Airplane Rating(s):									
Rotorcraft/Glider/LTA:									
Instrument Rating(s):									
Instructor Rating(s):									
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review?					
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:					
<b>- Flight Time Matrix</b>	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time									
Pilot In Command(PIC)									
Instructor									
Last 90 Days									
Last 30 Days									
Last 24 Hours									
Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed?		Second Pilot?			
<b>Flight Plan/Itinerary</b>									
Type of Flight Plan Filed: IFR									
Departure Point					State	Airport Identifier	Departure Time	Time Zone	
Medan									
Destination					State	Airport Identifier			
Jakarta									
Type of Clearance:									
Type of Airspace:									
<b>Weather Information</b>									
Source of Briefing:									
Method of Briefing:									

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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation <div style="text-align: center;">Ft. MSL</div>	WOF Distance From Accident Site <div style="text-align: center;">NM</div>	Direction From Accident Site <div style="text-align: center;">Deg. Mag.</div>
Sky/Lowest Cloud Condition:			Ft. AGL	Condition of Light:	
Lowest Ceiling:			Ft. AGL	Visibility:	SM
Temperature: °C		Dew Point: °C	Wind Direction:		Altimeter: "Hg
Density Altitude: Ft.					
Wind Speed:	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV)	SM	Intensity of Precipitation:		
Restrictions to Visibility:					
Type of Precipitation:					

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire:		Aircraft Explosion	
Classification:					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot	1				1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants	3				3
Other Crew					
Passengers	96			16	112
- TOTAL ABOARD -	101			16	117
Other Ground	44				44
- GRAND TOTAL -	145			16	161

National Transportation Safety Board

**FACTUAL REPORT****AVIATION**

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## Administrative Information

Investigator-In-Charge (IIC)

William English

Additional Persons Participating in This Accident/Incident Investigation:

Eric West